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settings might best be stored using LDAP, or Berkeley DB. HTTP, a protocol, might be used plain, or over Secure Sockets Layer (SSL) or Transport Layer Security (TLS) protocols, aka HTTPS. WebDAV extensions to HTTP ~~should~~ could be used or supported. Further known elements of software architecture that may make a difference in performance, reliability, and scalability include memory management, and concurrency management, and those are within the skill of those in the art to identify and implement.

On page 20, line 12, please take out the words "permanently-displayed" and put in their stead the word "permanently displayed" thereby removing the hyphen.

Another sequence which shows a few steps in the same implementation of the present invention is Figures 15, 16, 17, 18, 19, 20, 21, 22, 23. These sequences are not shown proportionally in time, i.e. some of the steps shown here would be shown for a second only once an operator has become familiar with their dynamics, while some of the steps would be on the screen for extended periods of time. These intermediate steps are essential for operator comprehension. The intermediate steps had to and will have to be designed with the same attention to detail as the more ~~permanently-displayed~~ permanently displayed steps.

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On page 23, line 24, please take out the word "menus" and put in its stead the word "menu" thereby removing the "s".

The present invention departs from prior art in that a set of display regions for graphical representations of the results of transformations applied to the structured data which defines the access control settings for the resource appear integrated with a familiar display region for a representation of the resource, e.g. with the main view in word processing software, or with the main view in Web browser software. A number of functions should be implemented which modify the layout of the display regions, e.g. horizontal or vertical, or different relative or absolute sizes, and those functions should be available for invocation by the operator, e.g. through mouse gestures, or through key combinations. Also, functions may be implemented which modify the number of the display regions, i.e. add or remove some, and those functions should be available for invocation by the operator, e.g. through mouse gestures, or through key combinations. Further, a number of functions should be implemented which modify the transformations, either slightly, by modifying transformation parameters, or fundamentally, by switching algorithms, or in other ways, and those functions should be available for invocation by the operator, e.g. through mouse gestures, through key combinations, through ~~menus~~ menu choices, or through dialog boxes.

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On page 24, line 26, please take out the word "menus" and put in its stead the word "menu" thereby removing the "s".

The present invention further, and most visually striking in the context of access control, can graphically represent users by displays that comprise a photographic likeness of the user. Each photographic likeness should be processed by a method which, depending on quality desired to achieve and depending on computation effort willing to expend, comprises one or several of the steps of: (1) adjusting image color saturation toward a predetermined target saturation level; (2) converting to grayscale; (3) adjusting image brightness toward a predetermined target brightness level; (4) adjusting image contrast toward a predetermined target contrast level; (5) adjusting image sharpness toward a predetermined target sharpness level; and (6) masking with a shape such as an oval or an outline of a bust, the steps to be taken in an order that depends on which of these steps. A number of functions should be implemented which for an individual user result in different graphical representations, e.g. photo id, business card, icon, or name plate, and those functions should be available for selection by the operator, e.g. through ~~menus~~ menu choices or through dialog boxes, for immediate and subsequent use.

On page 31, lines 8 and 9, please take out the "?" after the word time and put in its stead ".".

An implementation could allow the setting of preferences that govern how

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accesses are put together, and how they are displayed in a compact way until or unless the operator interacts with the user interface to see more detail. Example scenarios include: The operator might want to know whether a user has read a resource an excessive number of times?_ E.g. if it is a paid service, or a resource intensive service. Maybe the operator by default only wants to know when user has read a resource the first time?_ E.g. if it has been a request to deliver a product, or to perform a task. Different applications, different preferences.

On page 31, line 18 after the word "order" please insert the words "or other physical location map".

An implementation could use a seating order or other physical location map based view instead of a table view. If well integrated with other sections of this disclosure, the operator could click on individuals to enable or disable writing or reading.

On page 31, line 26, please take out the word "are" and put in its stead the word "region".

A specifically useful configuration of the present invention is when the set of display regions simultaneously comprises: (1) A familiar display region for a representation of the resource, e.g. the main view in word processing software, or the main view in Web browser software, (2) a display region for a graphical

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representation of the set of groups and users and their respective access privileges defined by existing structured data for the resource, i.e. for easy review and manipulation of the settings, (3) a display ~~are~~ region representing access log information for the resource, i.e. to show who actually did or did not access the resource and when, and (4) a display region for known users and groups which remains hidden unless activated by the operator, i.e. to allow modification of access control settings for the resource by simply dragging indicia for known users and groups. See above for description of Figure 9.

On page 32, line 12 after the word "module" please insert the words "writing into a database".

In an implementation that builds upon Apache Web server software much of the information needed for this kind of log display could be retrieved from standard Apache log files. It is possible, however, to achieve specific performance goals by implementing appropriate logging hook functions in a custom Apache module writing into a database.

On page 45, line 14 after the word "user" please insert the words "or a group" and take out the words "an abstract" and put in their stead the word "another".

One can expect implementations where a user or a group is replaced by an abstract another concept, e.g. something like a role. The theory and principles of

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the present invention still would be applicable.

On page 47, line 23, please take out the word "their" and put in its stead the word "his". Also on page 47, line 25 take out ",)" and put in its stead "),".

While the invention has been described in its preferred embodiments, it is to be understood that the words which have been used are words of description rather than of limitation and that changes may be made within the purview of the appended claims without departing from the true scope and spirit of the invention in its broader aspects. Rather, various modifications may be made in the details within the scope and range of equivalents of the claims and without departing from the spirit of the invention. The inventor further requires that the scope accorded ~~their~~ his claims be in accordance with the broadest possible construction available under the law as it exists on the date of filing hereof (and of the application from which this application obtains priority~~))~~ and that no narrowing of the scope of the appended claims be allowed due to subsequent changes in the law, as such a narrowing would constitute an *ex post facto* adjudication, and a taking without due process or just compensation.